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› Qubo Car Dashcam Pro 4K Instruction Manual

## Qubo 4K-HCASV001

# Qubo Car Dashcam Pro 4K Instruction Manual

Model: 4K-HCASV001

## 1. INTRODUCTION

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Thank you for choosing the Qubo Car Dashcam Pro 4K. This device is designed to provide high-quality video recording of your journeys, enhancing driving safety and providing crucial evidence in case of incidents. Featuring true 4K UHD resolution, a Sony STARVIS IMX415 sensor, dual-channel recording, Advanced Driver Assistance Systems (ADAS), NightPulse Vision, built-in GPS, and Wi-Fi connectivity, this dashcam offers comprehensive coverage and advanced functionalities.

Please read this manual thoroughly before operating the device to ensure proper installation and usage.

# Dashcam **PRO 4K**

(Front + Rear Cam) with **SONY STARVIS**

Record your drives in True 4K Ultra HD+ Resolution

**8MP** Optical Sensor



Sony STARVIS  
IMX415



Ultra-wide  
FOV



Advanced Driver  
Assistance System



Collision Detection  
G-Sensor



Dual Channel  
Recording



Up to 1 TB  
Storage

Image: Qubo Car Dashcam Pro 4K with its front and rear camera units.

## 2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Dashcam (Main Unit) x 1
- Rear Camera x 1
- Car Charger x 1
- Power Cable x 1
- Cable for Front Camera x 1
- Cable for Rear Camera x 1
- Double Sided Adhesive Tape x 1
- Pry Tool x 1
- Warranty Card x 1

### 3. SAFETY INFORMATION

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- Do not operate the dashcam or access its settings while driving.
- Ensure the dashcam is installed in a location that does not obstruct the driver's view or interfere with vehicle safety features.
- Use only the provided power cable and car charger to prevent damage to the device.
- Avoid exposing the dashcam to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or repair the dashcam yourself. Contact customer support for assistance.

### 4. PRODUCT OVERVIEW

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#### 4.1 Front Camera Unit

The main unit houses the front camera, 2.8" IPS LCD display, control buttons, microSD card slot, GPS module, and Wi-Fi module.

**Complete coverage of the road**  
Simultaneous dual-channel recording through  
Front & Rear Cameras with ultra-wide FOV

**Front Cam**

4K UHD+ Resolution  
**8MP**

**Rear Cam**

FULL HD Resolution  
**2MP**

Image: Front camera unit with its 2.8-inch IPS LCD screen.

## 4.2 Rear Camera Unit

The compact rear camera unit connects to the main dashcam unit to provide simultaneous Full HD recording of the vehicle's rear view.

## 4.3 Interfaces and Controls

- **Power Button:** Turns the device on/off.
- **Menu Button:** Accesses settings and options.
- **Navigation Buttons:** Used to navigate through menus and settings.
- **OK Button:** Confirms selections.
- **MicroSD Card Slot:** For inserting the memory card (supports up to 1TB).
- **Power Port:** Connects to the car charger.
- **Rear Camera Port:** Connects the rear camera cable.
- **Reset Button:** Resets the device (usually a small pinhole button).

# 5. SETUP

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## 5.1 Inserting the MicroSD Card

1. Ensure the dashcam is powered off.
2. Locate the microSD card slot on the side of the main unit.
3. Insert a compatible microSD card (Class 10 or higher, up to 1TB) into the slot until it clicks into place.
4. To remove, gently push the card in until it clicks, then release.

# Why choose Qubo Dashcam Pro 4K?

	Qubo Dashcams	Other Dashcams
Resolution	True 4K to capture 3840 x 2160 pixels optically	Lower-resolution footage digitally boosted to 4K
Image Sensors	Advanced Sony STARVIS IMX415 sensor that records at 8MP	Low quality 5MP sensors
Country of Origin	India	China (mostly)
Powered By	Built-in Supercapacitor	Li-ion Battery
Expandable Storage	Up to 1TB	Up to 256 GB
App Connectivity	Seamless access through custom-built Qubo Pro App	Foreign apps with suboptimal user experience
Installation Support	Trained Qubo Technicians	Mostly DIY or via local installers
Service Support	Dedicated On-call & Field Support	Lack of authorized customer support
Trust & Credibility	Backed by <b>Hero</b> Group	Lack local presence & credibility

Image: Illustration of supported and unsupported microSD card types for the dashcam.

## 5.2 Mounting the Front Camera

1. Clean the windshield area where you intend to mount the dashcam.
2. Attach the suction cup mount or adhesive mount to the dashcam.
3. Position the dashcam on the windshield, ideally behind the rearview mirror, ensuring it does not obstruct your view.
4. Secure the mount firmly.

## 5.3 Installing the Rear Camera

1. Identify a suitable location on your rear windshield for the rear camera.
2. Clean the area thoroughly.
3. Attach the rear camera using the provided adhesive tape.
4. Route the rear camera cable neatly along the vehicle's headliner and pillars to the main dashcam unit.
5. Connect the rear camera cable to the designated port on the main dashcam unit.

## Feature Loaded. Technologically Advanced.

High-performance dashcam with premium quality hardware & category-leading software

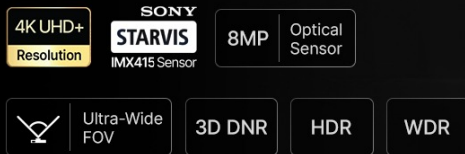


Image: Visual representation of front and rear camera placement and their respective fields of view.

### 5.4 Power Connection

1. Connect the power cable to the dashcam's power port.
2. Plug the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
3. Route the power cable neatly to avoid interference with driving controls.
4. The dashcam will automatically power on and begin recording when the vehicle's ignition is turned on.

### 5.5 Qubo Pro App Installation and Pairing

1. Download the 'Qubo Pro' app from the Apple App Store or Google Play Store.
2. Turn on the dashcam.
3. Enable Wi-Fi on your smartphone and connect to the dashcam's Wi-Fi network (SSID and password usually displayed on the dashcam screen or in the manual).
4. Open the Qubo Pro app and follow the on-screen instructions to pair your dashcam.

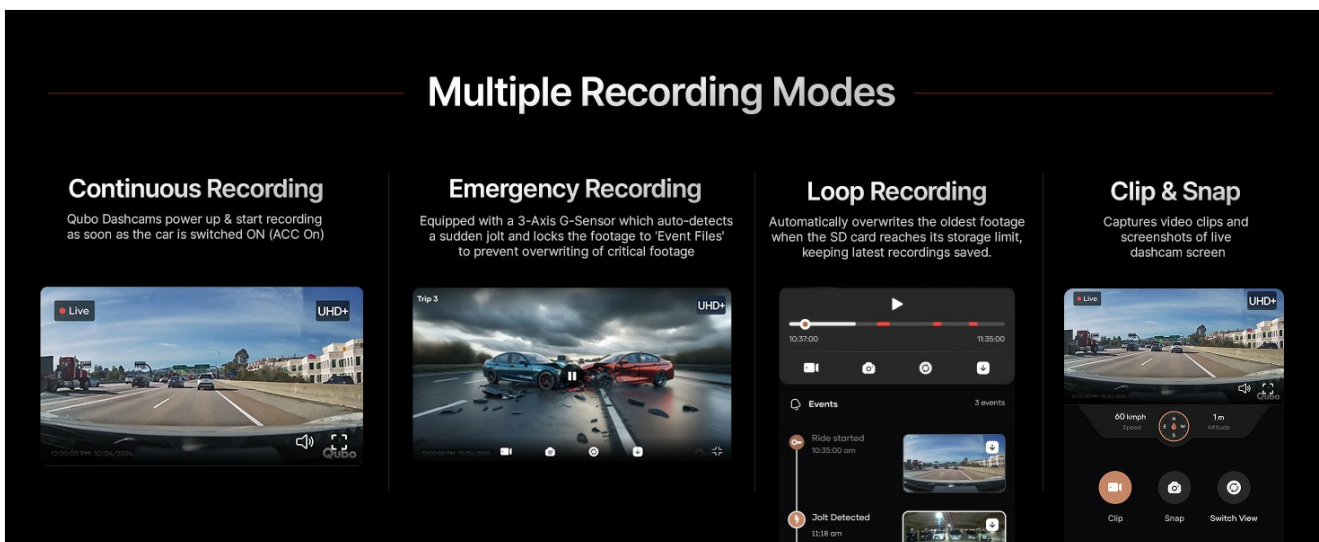


Image: Screenshot of the Qubo Pro App interface on a smartphone, showing live view and recording controls.

## 6. OPERATING INSTRUCTIONS

### 6.1 Recording Modes

- **Continuous Recording:** The dashcam automatically starts recording when powered on. Footage is saved in short segments.
- **Loop Recording:** When the microSD card is full, the oldest unlocked footage is automatically overwritten by new recordings.
- **Emergency Recording (G-Sensor):** The built-in 6-axis G-sensor detects sudden impacts or harsh braking/acceleration. In such events, the current video segment is automatically locked and protected from being overwritten.

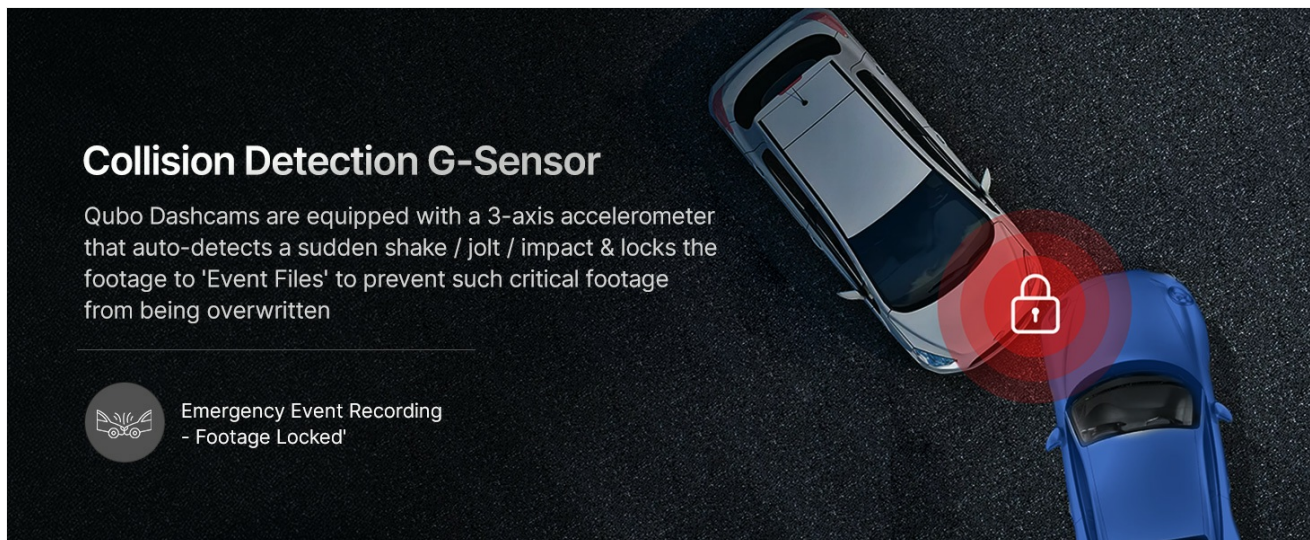


Image: Visual explanation of different recording modes including continuous, emergency, and loop recording.

## 6.2 Advanced Driver Assistance Systems (ADAS)

The AI-powered ADAS provides real-time alerts to enhance driving safety:

- **Lane Departure Warning System (LDWS):** Alerts you if your vehicle unintentionally drifts out of its lane.
- **Forward Collision Warning System (FCWS):** Warns you if you are approaching another vehicle or object too quickly.
- **Forward Vehicle Motion Detection (FVMD):** Notifies you when the vehicle ahead starts moving, useful in traffic.

Image: Illustration of AI-Powered ADAS features in action, showing lane departure and collision warnings.

## 6.3 NightPulse Vision

Equipped with 3D DNR, HDR, and WDR technologies, the NightPulse Vision ensures clear and detailed recordings even in low-light and nighttime conditions.

## 6.4 GPS Logger

The built-in GPS accurately tracks and embeds speed and location data directly into your video files, allowing for easy playback and analysis of your routes.



Image: Overview of the 2.8" IPS LCD screen, built-in GPS functionality, and built-in microphone.

## 6.5 Accessing Footage

- **On-Device Display:** Use the 2.8" IPS LCD screen and navigation buttons to review recorded videos directly on the dashcam.
- **Qubo Pro App:** Connect your smartphone via Wi-Fi to the Qubo Pro app to view live footage, access recordings, download files, and manage settings.
- **Computer:** Remove the microSD card and insert it into a computer's card reader to access and transfer video files.

## 7. MAINTENANCE

- **Cleaning:** Gently wipe the camera lenses and screen with a soft, dry, lint-free cloth. Do not use abrasive cleaners or solvents.
- **SD Card Formatting:** Regularly format the microSD card (at least once a month) through the dashcam's settings menu to ensure optimal performance and prevent data corruption. Back up important files before formatting.
- **Firmware Updates:** Check for available firmware updates via the Qubo Pro app. Keeping your dashcam's firmware updated ensures access to the latest features and performance improvements.

## 8. TROUBLESHOOTING

Issue	Possible Cause	Solution
Dashcam not powering on	No power, faulty cable/charger, loose connection	Check power connection, ensure car charger is working, try a different 12V outlet.
Recording stops or freezes	SD card error, incompatible SD card, full SD card	Format the SD card, replace with a compatible high-speed SD card, ensure loop recording is enabled.
Poor video quality	Dirty lens, protective film, incorrect settings	Clean the lens, remove any protective film, check video resolution settings in the menu/app.

Issue	Possible Cause	Solution
Wi-Fi connection issues	Incorrect password, too far from dashcam, app error	Ensure correct Wi-Fi password, move closer to the dashcam, restart the app and dashcam.
Dashcam overheats and shuts down	Prolonged exposure to direct sunlight, extreme ambient temperature	Park in shade, use a sunshade, ensure proper ventilation around the device. The supercapacitor design is built for durability in varying temperatures.

## 9. SPECIFICATIONS

Feature	Detail
Model Name	Dashcam 4K Dual
Video Capture Resolution	Front: 2160p (4K UHD+), Rear: 1080p (FHD)
Image Sensor	Sony STARVIS IMX415 (Front)
Field Of View	140 Degrees
Display Type	2.8" IPS LCD
Connectivity Technology	Wi-Fi
Special Features	Automatic Incident Detection, Built-In GPS, Compact Design, Night Vision (NightPulse), ADAS
Flash Memory Type	microSD (up to 1 TB)
Frame Rate	30 Frames Per Second
Power Source	Supercapacitor
Operating Temperature	-20°C to 85°C
Item Dimensions (D x W x H)	104D x 38W x 43H Millimeters
Item Weight	115 Grams

## 10. WARRANTY AND SUPPORT

### 10.1 Warranty Information

The Qubo Car Dashcam Pro 4K comes with a **1 Year Manufacturer Warranty** from the date of purchase. Please retain your purchase receipt as proof of warranty.

### 10.2 Customer Support

For any technical assistance, warranty claims, or product-related queries, please contact Qubo customer support:

- **Manufacturer:** Hero Electronix Pvt. Ltd.
- **Address:** Hero Electronix Pvt. Ltd, 503, Rectangle 1, D4, Saket District Center, New Delhi - 110017

- **Online Support:** Visit the official Qubo website or the Qubo Store on Amazon for FAQs and support resources.

For more information, you can visit the [Qubo Store](#).